

**IEEE Signal Processing Society**  
**Pierre-Simon Laplace Early Career Technical Achievement Award**

(formerly known as the Early Career Technical Achievement Award)

The Pierre-Simon Laplace Early Career Technical Achievement Award honors an individual who, over a period of years in his/her early career, has made significant technical contributions to theory and/or practice in technical areas within the scope of the Society, as demonstrated by publications, patents, or recognized impact on the field, including but not limited to, a standard, a product, or a technology trend.

<b>2022</b>	<b>Mingyi Hong</b> , for contributions to non-convex, distributed and learning-based optimization for signal processing.
<b>2021</b>	<b>Gonzalo Mateos</b> , for contributions to distributed signal processing over networks.  <b>Vishal M. Patel</b> , for contributions to image processing and machine learning for biometrics.
<b>2020</b>	<b>Emil Björnson</b> , for contributions to signal processing for communications and research reproducibility.  <b>Piya Pal</b> , for innovative contributions to sparse array design, and fundamental performance limits of sparse inverse problems.
<b>2019</b>	<b>Yuejie Chi</b> , for contributions to high-dimensional structured signal processing.